

## STATE OF HAWAII - DLNR DAM SAFETY INSPECTION SHEET

Inspec	ion No:
Date:	4/8/2006

Inspection Type: Dam Safety	Inspection	
Persons Present	Affiliation	Phone Number
HENIZI MULDER	USALE	i none Number
ALAN SILVA	DUNE-DOFAL	
JOHN DILLON (port +	/	
	(part time) DLAIR - DUFAL	4
Weather Condition: ☐ Rain pro		☐ Cloudy/Overcast ☐ Partly Cloudy Sunny Dry
Owner	file, update as required)	
Lessee		Lessee Ph
O & M Contractor		O & M Ph
Nearest City		
Tax Map Key(s)		
Dam Status	Hazard Potential	Da
Year Completed	Dam I ength	
Normal Storage	ac ft May Starage	<b>.</b>
Offsite Drainage Area	mi. Spillway Type	ac.ft. Max. Surface AreaacMax. Spillway Qcfs
		Max. Opiliway Q CIS
Owner owns land under dam fa	acility:	
Reservoir was ab	Silva, however there was silva, however there was the dam today,  Ponded untar a screek  Seep 20.5 pm  Cross	outlet condit
	PLAN VIEW OF	DAM

Let 1   Felsie   A				Date: 4/8/2006
estions for Owner's Rep.:	Yes	No	Linknown	Comments
			DIKHOWII M	Comments
eration & Maintenance Manu			$\widehat{\mathbf{x}}$	
				Paramar I
				Reservoir is considered abandoned
		न्न		Thequires 4-vyneei Drive
		X		Thequires 4-vyneei Drive
				Trequires 4-vyneer Drive
				☐ Phase II ☐ Hydraulics ☐ Stability ☐ Hazard ☐ Seismi
dent History	П	П	)ख'	Other:
,			A	☐ Breached ☐ Overtop ☐ Slide ☐ Down stream Flooding ☐ Other:
ervoir's Current Use	П	M	П	
				☐ Sediment ☐ Irrigation ☐ Recreation ☐ Flood Control ☐ Drinking Water ☐ Power Generation ☐ Other
				Power Generation Other: Abandoned
c. An EAP is required for Hi d. An EAP is recommended e. Submit narrative and add dam site, unless covered f. Routine inspection logs w g. Dam owners shall provide h. The dam did not appear t i. Access to site appears to j. There is no vehicular acc or access provided. k. Access to dam is question and emergency plans need l. Provide a detailed narrative required to promptly advise circumstance or occurrence m. Submit current Operations n. Submit Site or Facility Mal controls and conduits.	an (E/) igh Ha if for a if for	azard II dam I infor prove ot ins outine mainta atisfac the co during effect che inc depa hich r Maint	Dams. Some regardle mation de ed dam per epected. En	th the department, submit any updates as applicable. Submit an updated EAP for this facility.  Less of hazard class. Submit EAP if developed for the facility. Letailing the improvements, modifications, and/or alterations at the ermit.  Letailing the improvements, modifications, and/or alterations at the ermit.  Letailing the improvements, modifications, and/or alterations at the ermit.  Letailing the improvements, modifications, and/or alterations at the ermit.  Letailing the improvements, modifications, and/or alterations at the ermit.  Letailing the improvements, modifications, and/or alterations at the ermit.  Letailing the improvements, modifications, and/or alterations at the ermit.
tional Requirements:  following investigative study( uired Recommended  Phase Phase Hydr	se I St se II S ology	udy tudy ( and F	Tydraulics	☐ Seepage ☐ Hydrology/Hydraulics ☐ EAP) s (including Probable Maximum Flood and spillway capacity)
	difications / Improvements aduct Routine Inspections aduct Routine Maintenance access to site access during heavy rains access when spillway is flowing are Studies Conducted active Actional and Corrective Actional Actional Requirements:  The Owner shall maintai modifications, Operational Box and access provided.  An EAP is required for Hacces and add add site, unless covered and access to site appears to be access provided.  K. Access to site appears to be access provided.  K. Access to dam is questional and emergency plans need and emergen	nstruction Plans Available    Facility Map	nstruction Plans Available	nstruction Plans Available  a / Facility Map  eration & Maintenance Manual  dergency Action Plan  diffications / Improvements  duct Routine Inspections  duct Routine Maintenance  nicle access to site  ess during heavy rains  ders when spillway is flowing  er Studies Conducted  dent History  dervoir's Current Use  dings and Corrective Actions:  a. The Owner shall maintain documentations incomodifications, Operations and Maintenance Mai

Inspection No:

Dam ID: HIU0067
FIELD I KEALIA

Inspec	tion No:
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rnysic	ai Dam Featur	es: (Check All Applicable. Provide description of Items Observed and/or Take Photos. Indicate photo # in description.)
3. Rese	•	pection & help of demoft per Visual (gage / other)
	Normal Operation	ng Level/Rangeft per(gage / other)
	rromai operati	Description: Deservoir is considered abandoned and only feed by rainful
	Typical Operation	on □ Spillway always flowing □ Kept within normal range □ Kept Empty □ Drained Daily □ Only filled by Storms □ Other:
	Sinkhole in Res.	
	Staff Gage:	Description: Can't find a staff gage
Eine	dings:	- July July
Con	a. The reservo b. The reservo c. The reservo d. The reservo	
	e. The staff ga	ge needs maintenance and/or repair. Description:
L	<ol> <li>A staff gage reservoir.</li> </ol>	was not observed at the reservoir. Provide some method of quantifying the water level within the
		vas observed in the unstroom recording Conduct additional in the u
	identify the	vas observed in the upstream reservoir. Conduct additional investigations and monitoring to cause, risk and appropriate action.
4. Intal	Size: Control: □	es it was noted that the intake was blocked
	☐ Ditch / Flume	
	Dimension:	(Size x Depth) Shape
		Dirt □ Wood □ Concrete □ Lined w/
		Gate □ Valve □ Flow can either be Shut off or Bypassed
	From:	Stream Diversion
	<ul><li>a. The intake w</li><li>b. The intake w</li><li>c. The intake w</li><li>d. The intake w</li></ul>	orks were not inspected.  orks were not tested.  orks appeared to be in satisfactory condition, no corrective actions are required at this time.  orks appeared to be in fair to poor condition and requires corrective action.  orks appeared to be in unsatisfactory condition, urgent corrective action is required.
	ective Actions:	
		orks needs maintenance and/or repair. Description:
	q.	bescription:
3	J	

Dam ID: HEO0067 FIELD I KEALIA

Inspect	tion No:
Date:	4/8/2006

5. Upstream Slope:  Slope Protection: None Dumped Rock Fitted Rip Rap Grouted Rip Rap Liner Dumped Rock Other:	<u> </u>
□ Defect in Protection: Description:	
Erosion: □ Loose soil w/ little vegetation □ Rut (<6") □ Gully (>6" deep) □ Not Visible □ None Ob	served
Description: Benching an slope mean crest on left sich of dam meer	Spillu
Cracks: ☐ Parallel with crest ☐ Perpendicular to crest ☐ Slide visible ☐ Not Visible ☐ None Observed	Banch .
Description: Difficult to inspect due to clarce vegetation	height
Sinkholes: # Observed: Size: and Depth Not Visible None	Observed
Description: See a force	
Vegetation: ☐ None ☐ Low Ground Cover ☐ Bushes or Tall Grass ☐ Trees # ☐ <6" ☐ >6" & <20"	□ >20"
Description: Dense brush and frees on the stope much	Energy Control
Findings: inspection difficult	
☐ a. The upstream slope was not inspected.	
b. The upstream slope appeared to be in satisfactory condition, no corrective actions are required at this	
c. The upstream slope appeared to be in fair to poor condition and requires corrective action.	ime.
d. The upstream slope appeared to be in unsatisfactory condition and not expected to fulfill its intended fulfill requires corrective action.	
Urgent corrective action is required.	nction.
Corrective Actions:	
□ e. Slope protection needs maintenance or repair. Description:	
☐ f. Rut and/or Gully erosion was observed on the slope, which requires maintenance and/or repair.	····
Description:	
g. A crack was observed on the slope, which requires further investigation to determine the underlining ca	IISA
Monitor the area and/or repair as required.	
h. A sinkhole was observed on the slope, which requires further investigation to determine the underlining	cause.
Repair and monitor the area.	
i. The upstream slope was not visible due to high grass and bush vegetation. Clear high vegetation and maintain low to enable easy visual inspection.	
j. Tree(s) were observed on the dam embankment. Trees have been identified as the probably cause of	
railules, and can possibly cause sever damage to the embankment if they are unrooted during a high w	indo
Corrective action is required to remove the tree hazards from the dam. Acceptable remedies include re	moval
of the tree and its root structure down to a 2" diameter and reconstructing the damaged embankment of	otion
All repair work shall be accomplished as per the requirements of licensed geotechnical or structural eng Routinely monitor the damaged area for signs of settlement and seepage.	7000H.
THURSHIP MODITOR TOP COMPANY OF A COMPANY OF	ineer.

Dam ID: H500067
PIGLD 1 KGALIA

Inspect	ion No:	
Date:	4/8/2	406

6.	Cre	st:	Approximate Crest Width: 8 40 20
		Access:	□ None ☑Walking Path □ Roadway, Surface / Width / Usage:
		Erosion:	□ Loose soil w/ little vegetation □ Rut (<6") □ Gully (>6" deep) □ Not Visible ☑ None Observed
			Description: Dense vigitation mode inspection difficult
		Cracks:	□ Parallel with crest □ Perpendicular to crest □ Slide visible ☑ Not Visible ☑ None Observed
			Description: See above
		Sinkholes:	in. Wide x in. Long x in. Deep Not Visible None Observed
			Description: See also ve
		Vegetation:	□ None □ Low Ground Cover □ Bushes or Tall Grass □ Trees # Few □ <6" 20" 20"
			Description: Ferns cover the crest
	Fino	lings:	
			was not inspected.
			appeared to be in satisfactory condition, no corrective actions are required at this time.
	区	c. The dam crest	appeared to be in fair to poor condition and requires corrective action.
		<ul> <li>d. The dam crest</li> </ul>	appeared to be in unsatisfactory condition and not expected to fulfill its intended function
		Urgent correcti	ve action is required.
	Corr	ective Actions:	
			he crest was satisfactory.
			he crest was not possible. Description:
		g. Rut and/or Gul	y erosion was observed on the crest, which requires maintenance and/or repair.
		Description	
		Monitor the are	served on the crest, which requires further investigation to determine the underlining cause. a and/or repair as required.
		repair and mo	
	X.	<li>j. Portions of the maintain low to</li>	crest were not visible due to high grass and bush vegetation. Clear high vegetation and enable easy visual inspection.
	×	k. Tree(s) were of failures, and ca Corrective action of the tree and All repair work:	oserved along the dam crest. Trees have been identified as the probably cause of piping in possibly cause sever damage to the embankment if they are uprooted during a high winds. On is required to remove the tree hazards from the dam. Acceptable remedies include removal its root structure down to a 2" diameter and reconstructing the damaged embankment section, shall be accomplished as per the requirements of licensed geotechnical or structural engineer, for the damaged area for signs of settlement and seepage.

Dam ID: HT00067
PIELD I KEALIA

Inspec	tion No:
Date:	4/2/2006

7.	Downstream Slope:	(Typical Slope ±/ : //5_)
	Access:	☐ lower roadway along toe ☐ roadway to outlet works ☐ walkway to outlet works ☐ None Observed
		None □ Dumped Rock □ Rip Rap □ Grouted Rip Rap □ Concrete
	Erosion:	☐ Loose soil w/ little vegetation ☐ Rut (<6") ☐ Gully (>6" deep) ☐ Not Visible ☐ None Observed
		Description: Difficult to inspect due to dense vegetation
	Cracks:	☐ Parallel with crest ☐ Perpendicular to crest ☐ Slide visible ☐ Not Visible ☐ None Observed
		Description:
	Sinkholes:	in. Wide x in. Long x in. Deep Not Visible None Observed
		Description:
	Vegetation:	□ None □ Low Ground Cover □ Bushes or Tall Grass □ Trees # □ >6" & <20" □ >20"
	•	Description: Brush and trees on the stype
	Seepage:	Seep Spot Number 1
		☐ Green Vegetation ☐ Wet or Muddy Ground ☐ Ponding Water ☐ Not Visible ☐ None Observed
		☐ Flowing, Description:
		Water Clarity: ☐ Clear ☐ Some particles ☐ Muddy ☐ Other:
		Description:
		Seep Spot Number 2
		☐ Green Vegetation ☐ Wet or Muddy Ground ☐ Ponding Water ☐ Not Visible ☐ None Observed
		☐ Flowing, Description:
		Water Clarity: ☐ Clear ☐ Some particles ☐ Muddy ☐ Other:
		Description:
	Findings:	
		m slope was not inspected.
	□ b. The downstrea	m slope appeared to be in satisfactory condition, no corrective actions are required at this time.
	c. The downstrea	m slope appeared to be in fair to poor condition and requires corrective action.
	☐ d. The downstrea	m slope appeared to be in unsatisfactory condition and not expected to fulfill its intended
		nt corrective action is required.
	Corrective Actions:	
	e. Slope protectio	n needs maintenance or repair. Description:
	☐ f. Rut and/or Gull Description:	y erosion was observed on the slope, which requires maintenance and/or repair.
	Monitor the are	served on the slope, which requires further investigation to determine the underlining cause. a and/or repair as required.
		observed on the slope, which requires further investigation to determine the underlining cause.
	Repair and mor	nitor the area.
	i. The down stream	m slope was not visible due to high grass and bush vegetation. Clear high vegetation and
	maintain low to	enable easy visual inspection.
	g. Tree(s) were of	oserved on the downstream slope. Trees have been identified as the probably cause of piping
	* railures, and ca	n possibly cause sever damage to the embankment if they are uproofed during a high winds
	of the tree and	on is required to remove the tree hazards from the dam. Acceptable remedies include removal
	All repair work	its root structure down to a 2" diameter and reconstructing the damaged embankment section. shall be accomplished as per the requirements of licensed geotechnical or structural engineer.
	Routinely monit	for the damaged area for signs of settlement and seepage.
	☐ h. Seepage/Pondi	ng water was observed. Monitor and conduct further investigation to locate the source of
	water and exter	nt of any possible hazardous or developing condition.
	☐ i. Seepage was o	bserved flowing and particles were observed to be removed by the flow. Take immediate
	action to stop th	le loss of soil from the embankment. Conduct further investigation to determine the underlining
	cause and take	corrective action. Monitor the area.
	ப் J. The slope was v	very steep, around a 1 to 1 slope, further study is required to verify slope stability.
	Ц К.	

Dam ID: HT00067
PIED I KERUA

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mopco	
Date:	419 12 mars 12
Date.	

8.	Abutmer Eros		□ Loose soil w/ little vegetation □ Rut (<6") □ Gully (>6" deep) ■ Not Visible ■ None Observed							
	Crac	cks:	Description:     Description:   Des							
	Veg	etation:	Description: Bushes or Tall Grass Trees # 66"   >6" & <20"   >20"  Description: S of frees and the abutments and to							
	See	page:	Seep Spot Number 1 ☐ Green Vegetation							
			Water Clarity: Clear   Some particles   Muddy   Other:  Description: Say   Ocatal at the near canter dam							
			Seep Spot Number 2 ☐ Green Vegetation							
		•	Water Clarity: ☐ Clear ☐ Some particles ☐ Muddy ☐ Other:							
			Description: Seepage on right side of valley floor and on							
	Findings	:	the lower ight asutment.							
	☐ a. The abutments/toe were not inspected.									
	_□_ b. T	b. The abutments/toe appeared to be in satisfactory condition, no corrective actions are required at this time.								
	<b>≥4</b> C. T	_c. The abutments/toe appeared to be in fair to poor condition and requires corrective action.								
	□ d. T. U	he abutments rgent correcti	s/toe appeared to be in unsatisfactory condition and not expected to fulfill its intended function. ive action is required.							
		e Actions:								
	□ e.S	lope protection	on needs maintenance or repair. Description:							
	D	escription:	ly erosion was observed, which requires maintenance and/or repair.							
	□ g. A ur	crack was ob nderlining cau	oserved along the abutments/near the toe, which requires further investigation to determine the use. Monitor the area and/or repair as required.							
	h. Ti	he abutment/ aintain low to	toe area was not visible due to high grass and bush vegetation. Clear high vegetation and penable easy visual inspection.							
	i. Tu fa Co of Al	ree(s) were or illures, and ca orrective action the tree and Il repair work	bserved along the abutment/toe. Trees have been identified as the probably cause of piping an possibly cause sever damage to the embankment if they are uprooted during a high winds. On is required to remove the tree hazards from the dam. Acceptable remedies include removal its root structure down to a 2" diameter and reconstructing the damaged embankment section, shall be accomplished as per the requirements of licensed geotechnical or structural engineer, tor the damaged area for signs of settlement and seepage.							
	)⊠ j. Se	eepage/Pond	ing water was observed. Monitor and conduct further investigation to locate the source of nt of any possible hazardous or developing condition.							
	□ k. Se	eepage was o	observed flowing and particles were observed to be removed by the flow. Take immediate he loss of soil from the embankment. Conduct further investigation to determine the underlining corrective action. Monitor the area.							
	_ ,									

	HIOOOG IELD I KEA	7 -61A	Inspection No:
	t Works: Culvert / Pipe		A flow of greater than
	Type / Size:	Unknown; the downstream	mend is burierly A flow of greater than
	Culvert:		nlined earth Other the outlet channel,
	Pipe:	☐ DIP ☐ Corrugated Metal ☐ P\	
	Control Type	: □ Gate □ Valve □ Other	
	Location:	Control on Upstream side	Downstream side - control was on constrain side.
	Seepage:	☐ Green Vegetation ☐ Wet or Muddy Gre	ound ☐ Ponding Water ☐ Not Visible ☐ None Observed Piles rea
		☐ Flowing, Description:	
		Water Clarity: ☐ Clear ☐ Some particles	
Findir	naa	Description:	
	•	ks were not inspected.	
,		ks were not tested.	
			dition, no corrective actions are required at this time.
)⊠( d	l. The outlet wor	ks appeared to be in fair to poor cond	ition and requires corrective action
⊂ e	<ul> <li>The outlet wor</li> </ul>	ks appeared to be in unsatisfactory co ive action is required.	ondition and not expected to fulfill its intended function.
Corre	ctive Actions:		
□ f.	. Seepage/Pond of any possible	ding water was observed. Conduct fur e hazardous or developing condition.	rther investigation to locate the source of water and extent
□ g	<ul> <li>Seepage was action to stop corrective action</li> </ul>	observed flowing and particles were o the loss of soil. Conduct further inves	observed to be removed by the flow. Take immediate tigation to determine the underlining cause and take d by seepage/piping along the outlet conduit are very ation.
□h		-	tion. Clear high vegetation and maintain low to enable

i. Tree(s) were observed on the dam embankment. Trees have been identified as the probably cause of piping failures, and can possibly cause sever damage to the embankment if they are uprooted during a high winds. Corrective action is required to remove the tree hazards from the dam. Acceptable remedies include removal of the tree and its root structure down to a 2" diameter and reconstructing the damaged embankment section. All repair work shall be accomplished as per the requirements of licensed geotechnical or structural engineer.

Routinely monitor the damaged area for signs of settlement and seepage.

j. <u>Inlet structure</u> on upstream slupe is gone. Piles for the structure were visible.

easy visual inspection.

1 41.1							L		
10. Sı	oillway:								
	Type:	□ None	☐ Culvert/F	Pipe A Char	nnel				
	••		on: 4			4 about no	es f		
	Dimension:		,		vert elevation		ft. per staff	nane	<del></del>
	Slope Protection:	☐ None	☐ Grass	☐ Dumpe		Fitted Rip Rap		ed Rip Rap	Concrete
		Defect	in Protection	n: Description	all a	rete olete			Concrete
	Approach:	☐ Clear	. #	eg. 🗆 Trees		l Other:			Section 2017
	Erosion:	□ Scour	☐ Gully	Heado	ut C	Not Observed	☐ Other		
		Description	on: <u>//sed</u>	cit at	oleunst	! Klowe Seed	of w	ncrete.	5:11
	Vegetation:	☐ None	☐ Low Gro	ound Cover	☐ Bushes or	Tall Grass	rees # <i><u>/                                   </u></i>		>6" & <20" □ >20"
<b>~</b> :	alla ara	Description				it chim			aught on
	dings: a. The Spillway a	anneared	to be in s	aticfactory	ting spill	mey reconst	1 Alue	<i>1</i>	
) ZZ	b. The Spillway a	npeared	to be in fa	alistaciony air to poor	condition,	no corrective a	ictions are	required at th	nis time.
	c. The Spillway a	appeared	to be in u	nsatisfacto	ory conditio	nd requires co	rective act	IION. Fill its intende	d function. Urgen
	corrective action	on is requ	uired.		ory contains	ii and not expe	cieu io iuii	iii iis iiiteilae	d function. Orgen
Car	rective Actions:								
	d. Slope protections:	on needs	maintena	nce or ren	air Descri	otion:			
	e. The spillway a					ption			
	f. Severe scour					aintenance and	l/or repair		
	Description:						-		
g. A headcut was observed downstream of the spillway. Corrective / mitigative action i problem from moving upstream.									
A	vegetation prof	ceptable in the spillway channel and approach. Take corrective action to address the woody plem and repair the damaged area.							
	i. Unclear if spilly	way is ad	equately s	sized. Spil	lway shoul	d pass the prol	oable maxi	mum flood. \	Verify spillway
	capacity and ta	ake corre	ctive actio	n as requi	red.				
	J		****						
11. Do	wn Stream Chann	nel:							
	Name:								
	Downstream:	Sump 🗆	Open Area	☐ Un-Defin	ed Drainage-\	vay   Defined	Drainage-way	□ Other	
	Items along Stream	m Bank:	□ None		☐ Houses	☐ Town	,	□ Not Inspect	
	Description:								
	••								
	lings:	m ohonn	al waa nat	. :					
	a. The downstream	m chann	el appoar	inspected	aatiafaataw	e manualiti ana ana			
<b></b>	b. The downstream time.	III Criailii	ei appeare	ed to be in	satisfactory	condition, no	corrective	actions are r	equired at this
	c. The downstream	m chann	el appeare	ed to be in	fair to poor	condition and	requires or	orrective activ	on
	d. The downstream function. Urger	m channe	el appeare	ed to be in	unsatisfact	ory condition a	ind not exp	ected to fulfil	ll its intended
Car	ective Actions:			- 4					
CON	CUIVE ACHONS:								

Dam ID: 4100067

FIGLD ( KEALIA

Inspection No:

Date: 4/8/2006

Dan	1 ID:	00067
	ALLO	1 KEA-LIA

Inspection No:
Date: 4/8/2006

## **Additional Comments:**

On the date of this limited visual inspection, there appeared to be no immediate threat to the safety of the dam. No assurance can be made regarding the dam's condition after this date. Subsequent adverse weather and other factors may affect the dam's condition.

FINDINGS !
Conclusion: There is no immediate threat to the safety of the dam
Lecommadations:
1) Clear the embankment (slypes and crest), abutments, and toe
of brush and trees. Maintain the grasses short.
2 Clear the spillway approach and exit channel of trees
ared brush.
3) Monitor seggage conditions at the toe and lower right
abutment. Install seepage measuring devices (i.e., V-notch
werr or Parshall flume) to accumulally measure spage
flowrates.
4) Uncover the outlet pipe at the clownstream toe.
(outlet pipe appeared to be covered by sectiment).
5) The dam and reservoir has not been properly abandoned. Water
can be held behind the dam as was observed during today's
inspection. The dam should be breached, when the reservoir
inspection. The dam should be breached, when the reservoir is empty, for the dam and reservoir to be considered properly abandoned.
properly abandoned.

Limitations and Intent of this Dam Safety Inspection:

This Dam Safety Inspection was conducted to assess the general overall condition of the reservoir/dam, identify visible deficiencies, and recommend areas of for monitoring, additional investigative studies and corrective actions. The inspection is based only on visible features/areas of the dam on the day of inspection. This inspection is not a formal phase I or phase II dam safety inspection and does not include a review or evaluation from each specialist of an inspection team, such as a geologists, civil, geotechnical, structural, or hydraulics engineer. The owner should verify the findings of this report and take corrective actions. The owner may submit to the State alternative corrective actions that are certified by a licensed professional engineer in the State of Hawaii experienced in the design and construction of dams. This inspection does not relieve the owner/operator from their responsibility to conduct routine inspections, maintenance, repairs, modifications, monitoring, documentation, and/or investigative studies. The inspection was conducted under the authority of the Hawaii Revised Statures Chapter 179D, and Hawaii Administrative Rules, Title 13, Chapter 190, titled "Dams and Reservoirs". Questions regarding this inspection should be forwarded to the Hawaii State Dam Safety Program; PO Box 373; Honolulu, Hawaii 96809; Ph. (808) 587-0236.